



Dart Aerospace Ltd.

1270 Aberdeen St

Hawkesbury, ON

K6A 1K7

Canada

D412-783-011

Job Sheet 198776



Tel (613) 632-5200

Fax 613 632-5246

Part No: D412-783-011

Job Qty: 1 pcs

Part Name: Gross Weight Towing Cable



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 8/6/19

Job Tracking No:

Due Date: 9/18/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG IIN-D412-783 REV E, D3943 REV E IPP Rev:A New Issue 09-06-02 JLM Verified By:EC IPP Rev:B @ chg 002 DD 10.02.22 Verified By:EC IPP Rev:C @ chg 004 DD 11.08.15 DD verf:JLM IPP Rev:D @ chg 005 DD 15.08.25 DD verf:JLM IPP REV:E 16.09.29 chg D3951-041 to D3951-1 as per PAR.625 DD VERF:JLM IPP Rev:E 17.12.27 @ chg 006 DD verf:JFS

Ship Via:

Bill of Materials

Job Routing									
Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs	9/18/19	9/18/19	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		NL
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		



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CANADA

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Container No: S208405



Part: D412-783-011

Job No: 198776

Serial No/Batch: S208405

Revision: E/E

Inspector:

Exp Date:

Instructions: Certificate of Conformity 08/06/2019

120 QC 4	1 pcs	9/18/19	0.00 0.00	Packaging 1 - 30	
				Packaging 1 - 31	
				Packaging 1 - 32	
				Packaging 1 - 33	
				Packaging 1 - 34	
				Packaging 1 - 35	
				Packaging 1 - 36	
				QC 4 - 28	
				QC 4 - 58	
				QC 4 - 69	
				QC 4 - 9	
				QC 4 - 46	
				QC 4 - 68	
				QC 4 - 72	
				QC 4 - 74	
				QC 4 - 75	
130 Packaging 3-1 - Stock - B4B	1 pcs	9/18/19	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
135 DC - 1 - B4B	1 pcs	9/18/19	0.00 0.00	DC - 1 - B4B	
				DC - 2 - B4B	
140 QC 21 - FG	1 pcs	9/18/19	0.00 0.00	QC 21 - FG - 21	
				QC 21 - FG - 70	
				QC 21 - SA - 53	

Max B. DAS 8/24/2019 75 9-89

Max B. 8/24/2019

AUG 26 2019

AUG 26 2019 DAS 70 9-89

Part Op 110 - Pick Kit
Descriptions: 120 - QC4- 100% Inspect kits for completeness - ***ENSURE CALIBRATION CERT. IS IN IIN PAPER WORK***

130 - Identify and pack for shipping as per PPP D412-783-011 Location: FG129 PPP

Rev:

135 - Document Control - Photocopy blue file & type labels per PPP D412-783-011 CHG 006

140 - QC21- Final Inspection - Work Order Release

FG29

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D3943-041	Ground Handling Crank Assembly	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	515576
D3949-043	Gross Weight Towing Cable Flag Assembly	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5095050
D3951-1	Equipment Bag	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	172832
D3954-1	GWT Pin	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5160238
D3954-3	GWT Knob	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5156978

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	D3943-041	1	0	0
	D3949-043	1	7	0
	D3951-1	1	25	0
	D3954-1	2	7	0
	D3954-3	2	10	0

Part Specifications

Specifications could not be found.

Plex 8/6/19 12:40 PM Dart.lajeunesse.marie

Entered: _____

Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



NCR No. _____

Route update only

Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐	
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition			
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐			

4.0 CALIBRATION

4.1 Calibration of the D3943-041 Tow Crank Assembly

4.1.1 The chain ratchet handle on the D3943-041 Tow Crank Assembly must be calibrated annually to ensure the handle indicates "clicks" when a 3500 lbs – 4000 lbs load has been achieved. To calibrate loosen setscrew that locks the threaded stainless steel ball plunger (Refer to figure 2 for details). Place a load cell inline and ratchet until the 3500 lbs – 4000 lbs has been reached. If the handle clicks before the 3500lbs load then turn plunger clockwise 1/8 turn, remove load and retry. If handle does not click between the 3500lbs and 4000 lbs load, turn plunger 1/8 turn counterclockwise, remove load and retry. Once the handle has been properly set retighten setscrew and test once more.

4.1.2 The Tow Crank Assembly may be returned to DART for calibration, at the operator's expense.

5.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	D412-783-011	GROSS WEIGHT TOWING KIT
1	D3943-041	TOW CRANK ASSEMBLY
1	D3949-043	FLAG ASSEMBLY
1	D3951-1	EQUIPMENT BAG
2	D3954-1	GWT PIN
2	D3954-3	GWT KNOB

Change Record

PAGE 1 OF 1

Part Number: D412-783-011Description: GROSS WEIGHT TOWING CABLE[illegible]